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## WHAT IS CLAIMED IS:

1. A method for managing a cache on a mobile device, comprising the steps of: receiving a call for loading a set of files, said set of files including an application or data;

searching a database for a matching record to said set of files;

based on said matching record, determining if said set of files is out-of-date or if a scheduled update is overdue;

updating said set of files if it is out-of-date;

performing a status check or update if said scheduled update is overdue; and loading said set of files if it is not out-of-date and said scheduled update is not overdue.

- 2. The method of claim 1, further comprising the step of: loading an updated set of files after an update or status check is complete.
- 3. The method of claim 1, wherein said updating step includes the steps of: opening a communications session with a gateway or a remote server; sending an update request to said gateway or said remote server; receiving an update response, said response including at least one difference file for updating said set of files;

closing said communications session; and updating a local file system and said database based on said update response.

25 4. The method of claim 3, wherein said step of updating a local file system and said database includes the steps of:

loading said at least one difference file into a random access memory; loading a copy of said set of files into said random access memory; applying said at least one difference file on said set of files in said random access memory to obtain an updated set of files;

copying said updated set of files into said local file system; removing said set of files from said local file system; updating said database based on said updated set of files; and removing said at least one difference file and said set of files from said random

access memory.

- 5. The method of claim 4, further comprising the steps of: executing said updated set of files; and removing said updated set of files from said random access memory.
- 5 6. The method of claim 4, wherein said step of applying said at least one difference file includes the steps of:

parsing said at least one difference file to determine whether to add, modify, or delete a file in said set of files; and

updating said local file system and said database based on said parsing.

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7. The method of claim 3, further comprising the steps of:
parsing said update response for a broadcast message;
accessing and updating said database based on said broadcast message;
sending a broadcast response to said gateway or said remote server.

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8. The method of claim 7, wherein said accessing and updating steps include the step of:

selectively marking at least one set of files as out-of-date.

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9. The method of claim 1, wherein said step of performing a status check or update includes the steps of:

opening a communications session with a gateway or a remote server; sending a status check or update request to said gateway or said remote server; receiving a status check or update response from said gateway or said remote

25 server;

closing said communications session; and

updating a local file system and a database if at least one difference file is included in said status check or update response.

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10. The method of claim 9, wherein said step of updating a local file system and a database includes the steps of:

loading said at least one difference file into a random access memory; loading a copy of said set of files into said random access memory;

applying said at least one difference file on said set of files in said random access memory to obtain an updated set of files;

copying said updated set of files into said local file system;

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removing said set of files from said local file system;
updating said database based on said updated set of files; and
removing said at least one difference file and said set of files from said random
access memory.

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11. The method of claim 10, wherein said step of applying said at least one difference file includes the steps of:

parsing said at least one difference file to determine whether to add, modify, or delete a file in said set of files; and

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updating said local file system and said database based on said parsing.

12. The method of claim 9, further comprising the steps of:
parsing said status check or update response for a broadcast message;
selectively marking at least one set of files as out-of-date based on said
broadcast message; and

sending a broadcast response to said gateway or said remote server.

13. A computer program product for managing a cache on a mobile device, comprising:

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logic code for receiving a call for loading a set of files, said set of files including an application or data;

logic code for searching a database for a matching record to said set of files; logic code for determining if said set of files is out-of-date or if a scheduled update is overdue based on said matching record;

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logic code for updating said set of files if it is out-of-date;

logic code for performing a status check or update if said scheduled update is overdue; and

logic code for loading said set of files if it is not out-of-date and said scheduled update is not overdue.

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- 14. The computer program product of claim 13, further comprising:
  logic code for loading an updated set of files after an update or status check is complete.
- The computer program product of claim 13, wherein said logic code for updating includes:

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logic code for opening a communications session with a gateway or a remote server;

logic code for sending an update request to said gateway or said remote server; logic code for receiving an update response, said response including at least one difference file for updating said set of files;

logic code for closing said communications session; and logic code for updating a local file system and said database based on said update response.

16. The computer program product of claim 15, wherein said logic code for updating a local file system and said database includes:

logic code for loading said at least one difference file into a random access memory;

logic code for loading a copy of said set of files into said random access memory;

logic code for applying said at least one difference file on said set of files in said random access memory to obtain an updated set of files;

logic code for copying said updated set of files into said local file system; logic code for removing said set of files from said local file system;

logic code for updating said database based on said updated set of files; and logic code for removing said at least one difference file and said set of files from said random access memory.

- The computer program product of claim 16, further comprising:
   logic code for executing said updated set of files; and
   logic code for removing said updated set of files from said random access memory.
- 18. The computer program product of claim 16, wherein said logic code for applying said at least one difference file includes:

logic code for parsing said at least one difference file to determine whether to add, modify, or delete a file in said set of files; and

logic code for updating said local file system and said database based on said parsing.

19. The computer program product of claim 15, further comprising:

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logic code for parsing said update response for a broadcast message; logic code for accessing and updating said database based on said broadcast message;

logic code for sending a broadcast response to said gateway or said remote server.

20. The computer program product of claim 19, wherein said logic code for accessing and updating includes:

logic code for selectively marking at least one set of files as out-of-date.

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21. The computer program product of claim 13, wherein said logic code for performing a status check or update includes:

logic code for opening a communications session with a gateway or a remote server:

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logic code for sending a status check or update request to said gateway or said remote server;

logic code for receiving a status check or update response from said gateway or said remote server;

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logic code for closing said communications session; and logic code for updating a local file system and a database if at least one difference file is included in said status check or update response.

22. The computer program product of claim 21, wherein said logic code for updating a local file system includes:

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logic code for loading said at least one difference file into a random access memory;

logic code for loading a copy of said set of files into said random access memory;

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logic code for applying said at least one difference file on said set of files in said random access memory to obtain an updated set of files;

logic code for copying said updated set of files into said local file system;
logic code for removing said set of files from said local file system;
logic code for updating said database based on said updated set of files; and
logic code for removing said at least one difference file and said set of files
from said random access memory.

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23.	The computer program product of claim 22, wherein said logic code for
applying said at least one difference file includes:	
	logic code for parsing said at least one difference file to determine whether to

add, modify, or delete a file in said set of files; and

logic code for updating said local file system and said database based on said parsing.

24. The computer program product of claim 21, further comprising: logic code for parsing said status check or update response for a broadcast

message;

logic code for selectively marking at least one set of files as out-of-date based on said broadcast message; and

logic code for sending a broadcast response to said gateway or said remote server.

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